

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: February 9, 2006, 11:13:20 ; Search time 1407 Seconds
(without alignments)
12.781 Million cell updates/sec

Title: US-09-980-953-256

Perfect score: 20

Sequence: 1 cgtgtcgtcgtgtagtccc 20

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 6240305 seqs, 449581930 residues

Total number of hits satisfying chosen parameters: 11863146

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications NA New:*

1: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*

2: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*

3: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*

4: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*

5: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*

6: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*

7: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

8: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

9: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

10: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

11: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

12: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20	100.0	20	11	US-11-111-288-5
2	20	100.0	20	11	US-11-136-815A-87
3	20	100.0	20	11	US-11-004-762-25
4	20	100.0	20	11	US-11-123-656A-27
5	15.2	76.0	25	11	US-11-121-849-199179
6	14.2	71.0	19	9	US-11-101-244-854263
7	14.2	71.0	19	10	US-11-083-784-854263
8	14.2	71.0	23	7	US-10-310-914A-897285
9	14.2	71.0	25	11	US-11-121-849-248
10	14.2	71.0	25	11	US-11-121-849-344926
11	14.2	71.0	25	11	US-11-121-849-521300
12	14.2	71.0	25	11	US-11-121-849-646493
13	14.2	71.0	25	11	US-11-121-849-646494
14	14.2	71.0	25	11	US-11-121-849-647288
15	14.2	71.0	25	11	US-11-121-849-647288
16	14	70.0	19	9	US-11-101-244-81188
17	14	70.0	19	10	US-11-083-784-81188
18	13.8	69.0	19	9	US-11-101-244-851647
19	13.8	69.0	19	10	US-11-083-784-851647
20	13.8	69.0	21	7	US-10-310-914A-458898
21	13.8	69.0	23	7	US-10-310-914A-458944

69.0	24	7	US-10-310-914A-835523	Sequence 835523,
69.0	25	11	US-11-121-849-172604	Sequence 172604,
69.0	25	11	US-11-121-849-172605	Sequence 172605,
69.0	25	11	US-11-121-849-173034	Sequence 173034,
69.0	25	11	US-11-136-527-244702	Sequence 244702,
69.0	25	11	US-11-136-527-244710	Sequence 244710,
69.0	25	11	US-11-136-527-323946	Sequence 323946,
69.0	25	11	US-11-136-527-360172	Sequence 360172,
68.0	21	7	US-10-310-914A-338304	Sequence 338304,
68.0	22	7	US-10-310-914A-1126456	Sequence 1126456,
68.0	25	11	US-11-121-849-381511	Sequence 381511,
68.0	25	11	US-11-121-849-515233	Sequence 515233,
67.0	19	7	US-10-310-914A-699199	Sequence 699199,
67.0	19	9	US-11-101-244-1464744	Sequence 1464744,
67.0	19	10	US-11-083-784-1464744	Sequence 1464744,
67.0	22	7	US-10-310-914A-693717	Sequence 693717,
67.0	25	11	US-11-121-849-108377	Sequence 108377,
67.0	25	11	US-11-121-849-384268	Sequence 384268,
67.0	25	11	US-11-121-849-393524	Sequence 393524,
67.0	25	11	US-11-121-849-650360	Sequence 650360,
67.0	25	11	US-11-136-527-352947	Sequence 352947,
67.0	50	11	US-11-175-859-17830	Sequence 17830, A
66.0	18	7	US-10-310-914A-607308	Sequence 607308,
66.0	19	7	US-10-310-914A-767173	Sequence 767173,
66.0	19	9	US-11-101-244-77679	Sequence 77679, A
66.0	19	9	US-11-101-244-207482	Sequence 207482,
66.0	19	9	US-11-101-244-854213	Sequence 854213,
66.0	19	10	US-11-083-784-77679	Sequence 77679, A
66.0	19	10	US-11-083-784-77679	Sequence 77679, A
66.0	19	10	US-11-083-784-207482	Sequence 207482,
66.0	19	10	US-11-083-784-854213	Sequence 854213,
66.0	20	7	US-10-310-914A-157738	Sequence 157738,
66.0	20	7	US-10-310-914A-595751	Sequence 595751,
66.0	20	7	US-10-310-914A-1226513	Sequence 1226513,
66.0	21	7	US-10-770-726-43441	Sequence 43441, A
66.0	22	7	US-10-310-914A-975544	Sequence 975544,
66.0	22	7	US-10-310-914A-115229	Sequence 115229,
66.0	23	7	US-10-310-914A-1101926	Sequence 1101926,
66.0	23	7	US-10-310-914A-1226479	Sequence 1226479,
66.0	23	7	US-10-310-914A-1293340	Sequence 1293340,
66.0	24	7	US-10-310-914A-767174	Sequence 767174,
66.0	24	7	US-10-310-914A-975545	Sequence 975545,
66.0	25	7	US-10-750-185-8194	Sequence 8194, Ap
66.0	25	7	US-10-750-623-8194	Sequence 8194, Ap
66.0	25	11	US-11-121-849-18211	Sequence 18211, A
66.0	25	11	US-11-121-849-121497	Sequence 121497,
66.0	25	11	US-11-121-849-136971	Sequence 136971,
66.0	25	11	US-11-121-849-157185	Sequence 157185,
66.0	25	11	US-11-121-849-181331	Sequence 181331,
66.0	25	11	US-11-121-849-190605	Sequence 190605,
66.0	25	11	US-11-121-849-191636	Sequence 191636,
66.0	25	11	US-11-121-849-238318	Sequence 238318,
66.0	25	11	US-11-121-849-240029	Sequence 240029,
66.0	25	11	US-11-121-849-521301	Sequence 521301,
66.0	25	11	US-11-121-849-564331	Sequence 564331,
66.0	25	11	US-11-121-849-647289	Sequence 647289,
66.0	25	11	US-11-136-527-212658	Sequence 212658,
66.0	26	7	US-10-310-914A-785660	Sequence 785660,
66.0	27	7	US-10-310-914A-785657	Sequence 785657,
66.0	31	7	US-10-310-914A-595732	Sequence 595732,
66.0	33	7	US-10-310-914A-595661	Sequence 595661,
66.0	50	11	US-11-175-859-7255	Sequence 7255, Ap
66.0	50	11	US-11-175-859-29454	Sequence 29454, A
65.0	65	7	US-10-310-914A-39	Sequence 39, Appl
65.0	18	7	US-10-310-914A-58416	Sequence 58416, A
65.0	19	7	US-10-310-914A-58417	Sequence 58417, A
65.0	19	7	US-10-310-914A-777794	Sequence 777794,
65.0	22	7	US-10-310-914A-777767	Sequence 777767,
65.0	25	11	US-11-121-849-53956	Sequence 53956, A
65.0	25	11	US-11-121-849-388184	Sequence 388184,
65.0	25	11	US-11-121-849-388185	Sequence 388185,
65.0	25	11	US-11-121-849-388186	Sequence 388186,
65.0	25	11	US-11-121-849-389186	Sequence 389186,
65.0	25	11	US-11-121-849-395913	Sequence 395913,

c 95 13 65.0 25 11 US-11-121-849-395914 Sequence 395914,
c 96 13 65.0 25 11 US-11-121-849-506557 Sequence 506557,
c 97 13 65.0 26 7 US-10-310-914A-58430 Sequence 58430, A
c 98 13 65.0 27 7 US-10-310-914A-386975 Sequence 386975,
c 99 12.8 64.0 19 7 US-10-310-914A-352898 Sequence 352898,
c 100 12.8 64.0 19 9 US-11-101-244-851615 Sequence 851615,

ALIGNMENTS

RESULT 1

US-11-111-288-5
; Sequence 5, Application US/11111288
; Publication No. US20050261233A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Sanjay Bhanot
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF GLUCOSE-6-PHOSPHATASE TRANSLOCASE EXPRESSION
; FILE REFERENCE: HTS-0009US
; CURRENT APPLICATION NUMBER: US/11/111,288
; CURRENT FILING DATE: 2005-04-20
; PRIOR APPLICATION NUMBER: 60/564,641
; PRIOR FILING DATE: 2004-04-21
; PRIOR APPLICATION NUMBER: 60/576,478
; PRIOR FILING DATE: 2004-06-02
; PRIOR APPLICATION NUMBER: 60/615,395
; PRIOR FILING DATE: 2004-09-30
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligomeric compound
US-11-111-288-5

Query Match 100.0%; Score 20; DB 11; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.7; Mismatches 0; Indels 0; Gaps 0;
Matches 20; Conservative 0;

QY 1 CGTGTGCTGTGCTAGTCCC 20
|||
Db 1 CGTGTGCTGTGCTAGTCCC 20

RESULT 2

US-11-136-815A-87
; Sequence 87, Application US/11136815A
; Publication No. US20050267065A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Erich Koller
; TITLE OF INVENTION: MODULATION OF AURORA B EXPRESSION
; FILE REFERENCE: HTS-0034US
; CURRENT APPLICATION NUMBER: US/11/136,815A
; CURRENT FILING DATE: 2005-05-24
; PRIOR APPLICATION NUMBER: 60/574,053
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: 60/671,903
; PRIOR FILING DATE: 2005-04-15
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Compound
US-11-136-815A-87

Query Match 100.0%; Score 20; DB 11; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.7; Mismatches 0; Indels 0; Gaps 0;
Matches 20; Conservative 0;

QY 1 CGTGTGCTGTGCTAGTCCC 20
|||
Db 1 CGTGTGCTGTGCTAGTCCC 20

RESULT 3

US-11-004-762-25
; Sequence 25, Application US/11004762
; Publication No. US20060003953A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Madeline M. Butler
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Joshua Finger
; APPLICANT: Ravi Jain
; APPLICANT: Robert McKay
; APPLICANT: Brett P. Monia
; APPLICANT: Kathleen Myers
; TITLE OF INVENTION: Compositions and their uses directed to bone growth modulators
; FILE REFERENCE: BIOL0050US
; CURRENT APPLICATION NUMBER: US/11/004,762
; CURRENT FILING DATE: 2004-12-03
; PRIOR APPLICATION NUMBER: US 60/527,370
; PRIOR FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: US 60/527,173
; PRIOR FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: US 60/527,172
; PRIOR FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: US 60/527,420
; PRIOR FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: US 60/527,174
; PRIOR FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: US 60/527,397
; PRIOR FILING DATE: 2003-12-04
; NUMBER OF SEQ ID NOS: 680
; SOFTWARE: PatentSeq version 1.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Compound
US-11-004-762-25

Query Match 100.0%; Score 20; DB 11; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.7; Mismatches 0; Indels 0; Gaps 0;
Matches 20; Conservative 0;

QY 1 CGTGTGCTGTGCTAGTCCC 20
|||
Db 1 CGTGTGCTGTGCTAGTCCC 20

RESULT 4

US-11-123-656A-27
; Sequence 27, Application US/11123656A
; Publication No. US20060009410A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: EFFECTS OF AFOLIPOPROTEIN b INHIBITION
; TITLE OF INVENTION: ON GENE EXPRESSION PROFILES IN ANIMALS
; FILE REFERENCE: BIOL0039US
; CURRENT APPLICATION NUMBER: US/11/123,656A
; CURRENT FILING DATE: 2005-05-04
; PRIOR APPLICATION NUMBER: 10/712,795
; PRIOR FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: 60/568,825

; PRIOR FILING DATE: 2004-05-05
 ; NUMBER OF SEQ ID NOS: 31
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 27
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-11-123-656A-27

Query Match 100.0%; Score 20; DB 11; Length 20;
 Best Local Similarity 100.0%; Pred. No. 6.7;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGTGTGCTGTGCTAGTCCC 20
 DB 1 CGTGTGCTGTGCTAGTCCC 20

RESULT 5

US-11-121-849-199179/c
 ; Sequence 199179, Application US/11121849
 ; Publication No. US20050272080A1
 ; GENERAL INFORMATION:
 ; APPLICANT: John Palma
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded s
 ; FILE REFERENCE: 3684.1
 ; CURRENT APPLICATION NUMBER: US/11/121,849
 ; PRIOR FILING DATE: 2005-05-03
 ; PRIOR APPLICATION NUMBER: 60/567,949
 ; PRIOR FILING DATE: 2004-05-03
 ; NUMBER OF SEQ ID NOS: 673904
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 199179
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 US-11-121-849-199179

Query Match 76.0%; Score 15.2; DB 11; Length 25;
 Best Local Similarity 85.0%; Pred. No. 7.4e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CGTGTGCTGTGCTAGTCCC 20
 DB 22 CCTGTGCTGTGCTAGTCCC 3

RESULT 6

US-11-101-244-854263/c
 ; Sequence 854263, Application US/11101244
 ; Publication No. US20050246794A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dharmacon, Inc.
 ; APPLICANT: Khvorova, Anastasia
 ; APPLICANT: Reynolds, Angela
 ; APPLICANT: Leake, Devin
 ; APPLICANT: Marshall, William
 ; APPLICANT: Scaringe, Stephen
 ; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
 ; FILE REFERENCE: 13499US
 ; CURRENT APPLICATION NUMBER: US/11/101,244
 ; CURRENT FILING DATE: 2005-04-07
 ; PRIOR APPLICATION NUMBER: 60/502,050
 ; PRIOR FILING DATE: 2003-09-10
 ; PRIOR APPLICATION NUMBER: 60/426,137
 ; PRIOR FILING DATE: 2002-11-14
 ; NUMBER OF SEQ ID NOS: 1591911
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 854263
 ; LENGTH: 19

; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-11-101-244-854263

Query Match 71.0%; Score 14.2; DB 9; Length 19;
 Best Local Similarity 84.2%; Pred. No. 2e+03;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 GTGTGCTGTGCTAGTCCC 20
 DB 19 GTGTATCTGTGCTAGTCC 1

RESULT 7

US-11-083-784-854263/c
 ; Sequence 854263, Application US/11083784
 ; Publication No. US20050245475A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dharmacon, Inc.
 ; APPLICANT: Khvorova, Anastasia
 ; APPLICANT: Reynolds, Angela
 ; APPLICANT: Leake, Devin
 ; APPLICANT: Marshall, William
 ; APPLICANT: Scaringe, Stephen
 ; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
 ; FILE REFERENCE: 13499US
 ; CURRENT APPLICATION NUMBER: US/11/083,784
 ; CURRENT FILING DATE: 2005-03-18
 ; PRIOR APPLICATION NUMBER: US/10/714,333
 ; PRIOR FILING DATE: 2003-11-14
 ; PRIOR APPLICATION NUMBER: 60/502,050
 ; PRIOR FILING DATE: 2003-09-10
 ; PRIOR APPLICATION NUMBER: 60/426,137
 ; PRIOR FILING DATE: 2002-11-14
 ; NUMBER OF SEQ ID NOS: 1591911
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 854263
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-11-083-784-854263

Query Match 71.0%; Score 14.2; DB 10; Length 19;
 Best Local Similarity 84.2%; Pred. No. 2e+03;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 GTGTGCTGTGCTAGTCCC 20
 DB 19 GTGTATCTGTGCTAGTCC 1

RESULT 8

US-10-310-914A-897285
 ; Sequence 897285, Application US/10310914A
 ; Publication No. US20060003322A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bentwich, Isaac
 ; APPLICANT: Shiler, Kyzat
 ; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
 ; FILE REFERENCE: 06087.0200.CPUS01
 ; CURRENT APPLICATION NUMBER: US/10/310,914A
 ; CURRENT FILING DATE: 2002-12-06
 ; NUMBER OF SEQ ID NOS: 1388402
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 897285
 ; LENGTH: 23
 ; TYPE: RNA
 ; ORGANISM: Human
 US-10-310-914A-897285

Query Match 71.0%; Score 14.2; DB 7; Length 23;
 Best Local Similarity 63.2%; Pred. No. 2e+03;

RESULT 16
US-11-101-244-81188/c
; Sequence 81188, Application US/11101244

RESULT 18
US-11-101-244-851647/c

; Sequence 851647, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 134990US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 851647
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-851647

Query Match 69.0%; Score 13.8; DB 9; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.9e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 GTGTCGTGCTAGTCCC 20
Db 17 GTTCTGGGCTAGTCCC 1

RESULT 19
US-11-083-784-851647/c
; Sequence 851647, Application US/11083784
; Publication No. US20050245475A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 134990US
; CURRENT APPLICATION NUMBER: US/11/083,784
; CURRENT FILING DATE: 2005-03-18
; PRIOR APPLICATION NUMBER: US/10/714,333
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 851647
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-083-784-851647

Query Match 69.0%; Score 13.8; DB 10; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.9e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 GTGTCGTGCTAGTCCC 20
Db 17 GTTCTGGGCTAGTCCC 1

RESULT 20

US-10-310-914A-458898/c
; Sequence 458898, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 458898
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-458898

Query Match 69.0%; Score 13.8; DB 7; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TGTGTCGTGCTAGTCC 19
Db 18 TGTGTCGTGCTAGTCC 2

RESULT 21
US-10-914A-458944/c
; Sequence 458944, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 458944
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-458944

Query Match 69.0%; Score 13.8; DB 7; Length 23;
Best Local Similarity 88.2%; Pred. No. 2.9e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TGTGTCGTGCTAGTCC 19
Db 21 TGTGTCGTGCTAGTCC 5

RESULT 22
US-10-310-914A-835523
; Sequence 835523, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kvuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; TITLE OF INVENTION: uses thereof
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 835523
; LENGTH: 24

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; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-835523

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Query Match 69.0%; Score 13.8; DB 7; Length 24;
Best Local Similarity 58.8%; Pred. No. 2.9e+03;
Matches 10; Conservative 5; Mismatches 2; Indels

QY

4 GTGTCTGCTAGTCC 20
| : | : | : | : ||
Dd

4 GUUUCUGGGCUAGUCCC 20

RESULT 23

US-11-121-849-172604
; Sequence 172604, Application US/11121849
; Publication No. US20050272080A1

GENERAL INFORMATION:

APPLICANT: John Palma

TITLE OF INVENTION: Methods of Ge

	TITLE OF INVENTION:	MICROARRAYS
	TITLE OF INVENTION:	MICROARRAYS

FILE REFERENCE: 3684-1

: CURRENT APPLICATION NUMBER: IIS/11/121 849 / FILE REFERENCE: 3004.1

CURRENT AFFILIATION NUMBER: US/I
: CURRENT FILING DATE: 2005-05-03

; CURRENT FILING DATE: 2003-03-03
 : PRIOR APPLICATION NUMBER: 60/667 948

; PRIOR APPLICATION NUMBER: 607777
: PRIOR FILING DATE: 2004-05-03

;; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673004

; NUMBER OF SEQ ID NOS: 673904

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; SOFTWARE: MICRO
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; SEQ ID NO 17:

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; LENGTH: 25

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; TYPE: DNA

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; ORGANISM: Homo sapiens

Query Match 69.0%; Score 13.8; DB 11; Length 25;
Best Local Similarity 88.2%; Pred. No. 2.9e+03;
Matches 15; Conservative 0; Mismatches 2; Indels

QY 4 GTGTCTGTGCTAGTCCC 20
|||||
Db 9 GTGTCTGTGCATGTCCC 25

RESULT 24

US-11-121-849-172605
; Sequence 172605, Application US/11121849
; Publication No. US20050272080A1

: GENERAL INFORMATION:

APPLICANT: John palmar

AFFILIATION: OOHII FALMA
 : TITLE OF INVENTION: Methods of Ga

; TITLE OF INVENTION: METHODS OF G

: TITLE OF INVENTION: MICROARRAYS

FILE OF INVENTION: 3684 1

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; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: IIS/11/121 848

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;; CURRENT APPLICATION NUMBER: US/11
;; CURRENT FILING DATE: 2005-05-03

; CURRENT FILING DATE: 2005-05-03
 ; PRIORITY DATE: 2005-05-03
 ; PRIORITY APPLICATION NUMBER: 60/567 648

;; PRIOR APPLICATION NUMBER: 607/1

;; PRIOR FILING DATE: 2004-05-03

NUMBER OF SEQ ID NOS: 673904

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; SOFTWARE: Micro

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; SEQ ID NO 17:

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sa

Query Match 69.0%; Score 13.8; DB 11; Length 25;
Best Local Similarity 88.2%; Pred. No. 2.9e+03;
Matches 15; Conservative 0; Mismatches 2; Indels

Qy 4 GTGCTGTGCTAGTCCC 20
|||||
Db 1 GTGCTGTGCATGTCCC 17

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OM nucleic - nucleic search, using sw model

Run on: February 9, 2006, 11:04:11 ; Search time 435 Seconds
(without alignments)
380.201 Million cell updates/sec

Title: US-09-980-953-256

Perfect score: 20

Sequence: 1 cgtgtgtctgtgtatgccc 20

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 11330536

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Maximum DB seq length: 100

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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Published Applications NA Main:*

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- 2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
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- 10: /cgn2_6/ptodata/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	20	100.0	20	3	US-09-851-871-255
2	20	100.0	20	7	US-10-444-206-255
3	20	100.0	20	8	US-10-641-962-255
4	20	100.0	20	8	US-10-858-500-623
5	15.8	79.0	25	8	US-10-719-900-719033
6	15.4	77.0	25	8	US-10-719-900-324413
7	15.2	76.0	25	5	US-10-098-263B-35400
8	15.2	76.0	25	10	US-11-036-317-532216
9	15.2	76.0	60	3	US-09-908-975-12622
10	14.8	74.0	25	7	US-10-719-956-649455
11	14.8	74.0	25	8	US-10-719-900-51824
12	14.8	74.0	25	8	US-10-719-900-192211
13	14.8	74.0	25	8	US-10-719-900-908657
14	14.4	72.0	25	10	US-11-036-317-768195
15	14.2	71.0	25	5	US-10-098-263B-7945
16	14.2	71.0	25	8	US-10-719-900-332444
17	14.2	71.0	25	8	US-10-719-900-528634
18	14.2	71.0	25	8	US-10-719-900-588448
19	14.2	71.0	25	8	US-10-719-900-701534
20	14.2	71.0	25	8	US-10-719-900-719032
21	14.2	71.0	25	9	US-10-843-527-76541
22	14.2	71.0	25	9	US-10-843-527-76546
23	14.2	71.0	25	9	US-10-843-527-161631

24	14.2	71.0	24	9	US-10-843-527-161636	Sequence 161636,
25	14.2	71.0	25	10	US-11-036-317-443848	Sequence 443848,
26	14.2	71.0	26	10	US-11-026-545-12	Sequence 12, Appl
27	14.2	71.0	50	6	US-10-131-827-181	Sequence 181, Appl
28	14.2	71.0	54	6	US-10-440-850-2263	Sequence 2263, Ap
29	14.2	71.0	75	8	US-10-674-124A-4176	Sequence 2635, A
30	14.2	71.0	93	3	US-09-864-761-22011	Sequence 4176, A
31	14.2	71.0	95	3	US-09-864-761-22011	Sequence 2011, A
32	14	70.0	15	6	US-10-440-850-499	Sequence 499, App
33	14	70.0	25	7	US-10-719-956-517297	Sequence 517297,
34	14	70.0	25	8	US-10-719-900-324399	Sequence 324399,
35	14	70.0	25	10	US-11-036-317-412104	Sequence 412104,
36	14	70.0	25	10	US-11-036-317-558656	Sequence 558656,
37	13.8	69.0	37	5	US-10-215-112-6079	Sequence 6079, Ap
38	13.8	69.0	25	7	US-10-719-956-49531	Sequence 49531, A
39	13.8	69.0	25	7	US-10-719-956-125339	Sequence 125339,
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42	13.8	69.0	25	7	US-10-719-956-311507	Sequence 311507,
43	13.8	69.0	25	7	US-10-719-956-414012	Sequence 414012,
44	13.8	69.0	25	7	US-10-719-956-534804	Sequence 534804,
45	13.8	69.0	25	8	US-10-719-900-108772	Sequence 108772,
46	13.8	69.0	25	8	US-10-719-900-324412	Sequence 324412,
47	13.8	69.0	25	8	US-10-719-900-743649	Sequence 743649,
48	13.8	69.0	25	8	US-10-719-900-801679	Sequence 801679,
49	13.8	69.0	25	8	US-10-719-900-836467	Sequence 836467,
50	13.8	69.0	25	8	US-10-719-900-909245	Sequence 909245,
51	13.8	69.0	25	8	US-10-719-900-909246	Sequence 909246,
52	13.8	69.0	25	10	US-11-036-317-664021	Sequence 664021,
53	13.8	69.0	25	10	US-11-036-317-878831	Sequence 878831,
54	13.8	69.0	25	10	US-11-060-756-210219	Sequence 210219,
55	13.8	69.0	33	6	US-10-197-616-8	Sequence 8, Appl
56	13.8	69.0	33	6	US-10-196-350-40	Sequence 40, Appl
57	13.8	69.0	42	6	US-10-225-938-36	Sequence 36, Appl
58	13.8	69.0	42	8	US-10-892-854-36	Sequence 36, Appl
59	13.8	69.0	60	3	US-09-908-975-13446	Sequence 13446, A
60	13.8	69.0	60	9	US-10-764-420-3081	Sequence 3081, Ap
61	13.8	69.0	83	8	US-10-674-124A-1616	Sequence 1616, Ap
62	13.6	68.0	23	7	US-10-245-698-12	Sequence 12, Appl
63	13.6	68.0	25	5	US-10-098-263B-33399	Sequence 33399, A
64	13.6	68.0	25	7	US-10-719-956-394981	Sequence 394981,
65	13.6	68.0	25	7	US-10-719-956-412928	Sequence 412928,
66	13.6	68.0	25	7	US-10-719-956-469930	Sequence 469930,
67	13.6	68.0	25	7	US-10-719-956-497009	Sequence 497009,
68	13.6	68.0	25	8	US-10-719-900-276206	Sequence 276206,
69	13.6	68.0	25	8	US-10-719-900-628935	Sequence 628935,
70	13.6	68.0	25	10	US-11-036-317-447073	Sequence 447073,
71	13.6	68.0	25	10	US-11-036-317-487121	Sequence 487121,
72	13.6	68.0	25	10	US-11-036-317-532217	Sequence 532217,
73	13.6	68.0	25	10	US-11-036-317-688063	Sequence 688063,
74	13.6	68.0	25	10	US-11-036-317-932291	Sequence 932291,
75	13.6	68.0	25	10	US-11-036-317-953309	Sequence 953309,
76	13.6	68.0	31	3	US-09-801-274-981	Sequence 981, App
77	13.6	68.0	41	7	US-10-252-155-246	Sequence 246, App
78	13.4	67.0	25	5	US-10-098-263B-35708	Sequence 35708, A
79	13.4	67.0	25	7	US-10-719-956-118710	Sequence 118710,
80	13.4	67.0	25	8	US-10-719-900-137528	Sequence 137528,
81	13.4	67.0	25	8	US-10-719-900-640729	Sequence 640729,
82	13.4	67.0	25	10	US-11-036-317-462290	Sequence 462290,
83	13.4	67.0	39	6	US-10-225-938-48	Sequence 48, Appl
84	13.4	67.0	39	8	US-10-892-854-48	Sequence 48, Appl
85	13.4	67.0	65	3	US-09-908-975-4793	Sequence 4793, Ap
86	13.2	66.0	24	3	US-09-940-185-1897	Sequence 1897, Ap
87	13.2	66.0	25	5	US-10-098-263B-123503	Sequence 123503,
88	13.2	66.0	25	7	US-10-719-956-86112	Sequence 86112, A
89	13.2	66.0	25	7	US-10-719-956-88198	Sequence 88198, A
90	13.2	66.0	25	7	US-10-719-956-199456	Sequence 199456,
91	13.2	66.0	25	7	US-10-719-956-248420	Sequence 248420,
92	13.2	66.0	25	7	US-10-719-956-282604	Sequence 282604,
93	13.2	66.0	25	7	US-10-719-956-423786	Sequence 423786,
94	13.2	66.0	25	7	US-10-719-956-433717	Sequence 433717,
95	13.2	66.0	25	7	US-10-719-956-505635	Sequence 505635,
96	13.2	66.0	25	7	US-10-719-956-649456	Sequence 649456,

97 13.2 66.0 25 7 US-10-719-956-692109 Sequence 692109,
c 98 13.2 66.0 25 8 US-10-719-900-29231 Sequence 29231, A
99 13.2 66.0 25 8 US-10-719-900-51823 Sequence 51823, A
100 13.2 66.0 25 8 US-10-719-900-128176 Sequence 128176,

ALIGNMENTS

RESULT 1
US-09-851-871-255
; Sequence 255, Application US/09851871
; Publication No. US20030176374A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-255

Query Match 100.0%; Score 20; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.5; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 CGTGTGCTGTGCTAGTCCC 20
Db 1 CGTGTGCTGTGCTAGTCCC 20

RESULT 2
US-10-444-206-255
; Sequence 255, Application US/10444206
; Publication No. US2004002317A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/444,206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996 12 31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-255

Query Match 100.0%; Score 20; DB 7; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.5; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 CGTGTGCTGTGCTAGTCCC 20
Db 1 CGTGTGCTGTGCTAGTCCC 20

RESULT 3
US-10-641-962-255
; Sequence 255, Application US/10641962
; Publication No. US20040235164A1
; GENERAL INFORMATION:
; APPLICANT: Bennett et al.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: 30566/39578
; CURRENT APPLICATION NUMBER: US/10/641,962
; CURRENT FILING DATE: 2003-08-15
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-10-641-962-255

Query Match 100.0%; Score 20; DB 8; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.5; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 1 CGTGTGCTGTGCTAGTCCC 20
Db 1 CGTGTGCTGTGCTAGTCCC 20

RESULT 4
US-10-858-500-623
; Sequence 623, Application US/10858500
; Publication No. US20050014257A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: BIOL0014US
; CURRENT APPLICATION NUMBER: US/10/858,500
; CURRENT FILING DATE: 2004-06-01
; PRIOR APPLICATION NUMBER: US 09/912,724
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/475,272
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 60/540,042
; PRIOR FILING DATE: 2004-01-28
; NUMBER OF SEQ ID NOS: 627
; SEQ ID NO 623
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-858-500-623

Query Match 100.0%; Score 20; DB 8; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.5; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 1 CGTGTCTGTGCTAGTCCC 20
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 Db 1 CGTGTCTGTGCTAGTCCC 20

RESULT 5

US-10-719-900-719033
 ; Sequence 719033, Application US/10719900
 ; Publication No. US20050026164A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528.1
 ; CURRENT APPLICATION NUMBER: US/10/719,900
 ; CURRENT FILING DATE: 2003-11-20
 ; PRIOR APPLICATION NUMBER: 60/427,808
 ; PRIOR FILING DATE: 2002 11 20
 ; NUMBER OF SEQ ID NOS: 982914
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 719033
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-10-719-900-719033

Query Match 79.0%; Score 15.8; DB 8; Length 25;
 Best Local Similarity 89.5%; Pred. No. 5.6e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 GTGTCTGTGCTAGTCCC 20
 |||||
 Db 1 GTGTCTGTGCTAGTACC 19

RESULT 6

US-10-719-900-324413
 ; Sequence 324413, Application US/10719900
 ; Publication No. US20050026164A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Xue Mei Zhou
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
 ; FILE REFERENCE: 3528.1
 ; CURRENT APPLICATION NUMBER: US/10/719,900
 ; CURRENT FILING DATE: 2003-11-20
 ; PRIOR APPLICATION NUMBER: 60/427,808
 ; PRIOR FILING DATE: 2002 11 20
 ; NUMBER OF SEQ ID NOS: 982914
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 324413
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-10-719-900-324413

Query Match 77.0%; Score 15.4; DB 8; Length 25;
 Best Local Similarity 94.1%; Pred. No. 8.8e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GTGTCTGTGCTAGTCCC 20
 |||||
 Db 3 GTGTCTTGTGCTAGTCCC 19

RESULT 7

US-10-098-263B-35400/c
 ; Sequence 35400, Application US/10098263B
 ; Publication No. US20030104410A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mittman, Michael
 ; TITLE OF INVENTION: Human Microarray
 ; FILE REFERENCE: 3118.1
 ; CURRENT APPLICATION NUMBER: US/10/098,263B

; CURRENT FILING DATE: 2003-01-08
 ; PRIOR APPLICATION NUMBER: 60/276,759
 ; PRIOR FILING DATE: 2001-03-16
 ; NUMBER OF SEQ ID NOS: 131066
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 35400
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 US-10-098-263B-35400

Query Match 76.0%; Score 15.2; DB 5; Length 25;
 Best Local Similarity 85.0%; Pred. No. 1.1e+03;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTGTCTGTGCTAGTCCC 20
 |||||
 Db 20 CATGTTCTGTCTAGTCCC 1

RESULT 8

US-11-036-317-532216
 ; Sequence 532216, Application US/11036317
 ; Publication No. US20050214823A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Williams, Alan
 ; TITLE OF INVENTION: Method of Analysis of Alternative Splicing in Mouse
 ; FILE REFERENCE: 3654.1
 ; CURRENT APPLICATION NUMBER: US/11/036,317
 ; CURRENT FILING DATE: 2005-01-13
 ; PRIOR APPLICATION NUMBER: US 60/536,639
 ; PRIOR FILING DATE: 2004-01-13
 ; NUMBER OF SEQ ID NOS: 991174
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 532216
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-11-036-317-532216

Query Match 76.0%; Score 15.2; DB 10; Length 25;
 Best Local Similarity 85.0%; Pred. No. 1.1e+03;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTGTCTGTGCTAGTCCC 20
 |||||
 Db 6 CGAGTGTCTGTGCAAGCCCC 25

RESULT 9

US-09-908-975-12622/c
 ; Sequence 12622, Application US/09908975
 ; Publication No. US20030165843A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SHOSHAN, Avi
 ; APPLICANT: WASSERMAN, Alon
 ; APPLICANT: MINTZ, Eli
 ; APPLICANT: MINTZ, Liat
 ; APPLICANT: FAIGLER, Simchon
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
 ; FILE REFERENCE: 36688-0005
 ; CURRENT APPLICATION NUMBER: US/09/908,975
 ; CURRENT FILING DATE: 2001-07-20
 ; PRIOR APPLICATION NUMBER: US 60/287,724
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: US 60/221,607
 ; PRIOR FILING DATE: 2000-07-28
 ; NUMBER OF SEQ ID NOS: 32337
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 12622
 ; LENGTH: 60

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-975-12622

Query Match      76.0%; Score 15.2; DB 3; Length 60;
Best Local Similarity 85.0%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTGTCTGTGCTAGTCC 20
   | ||||| ||||| |||||
Db 53 CCTGTCTGTGCCAGTGCC 34

RESULT 10
US-10-719-956-649455
; Sequence 649455, Application US/10719956
; Publication No. US20040146910A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 649455
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-649455

Query Match      74.0%; Score 14.8; DB 7; Length 25;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TGTGCTGTGCTAGTCC 20
   | ||||| ||||| |||||
Db 1 TGTGCTGTGCCAGTGCC 18

RESULT 11
US-10-719-900-51824
; Sequence 51824, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51824
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-51824

Query Match      74.0%; Score 14.8; DB 8; Length 25;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGTGTCTGTGCTAGTC 18
   | ||||| ||||| |||||
Db 8 CCTGTCTGTACTAGTC 25

RESULT 12
US-10-719-900-192211/c
```

```
; Sequence 192211, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 192211
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-192211

Query Match      74.0%; Score 14.8; DB 8; Length 25;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TGTGCTGTGCTAGTCC 20
   | ||||| ||||| |||||
Db 25 TGTGCTGTGCTAGTGCC 8

RESULT 13
US-10-719-900-908657
; Sequence 908657, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 908657
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-908657

Query Match      74.0%; Score 14.8; DB 8; Length 25;
Best Local Similarity 88.9%; Pred. No. 1.7e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TGTGCTGTGCTAGTCC 20
   | ||||| ||||| |||||
Db 1 TGTGCTGTGCTAGTGCC 18

RESULT 14
US-11-036-317-768195
; Sequence 768195, Application US/11036317
; Publication No. US20050214823A1
; GENERAL INFORMATION:
; APPLICANT: Williams, Alan
; TITLE OF INVENTION: Method of Analysis of Alternative Splicing in Mouse
; FILE REFERENCE: 3654.1
; CURRENT APPLICATION NUMBER: US/11/036,317
; CURRENT FILING DATE: 2005-01-13
; PRIOR APPLICATION NUMBER: US 60/536,639
; PRIOR FILING DATE: 2004-01-13
; NUMBER OF SEQ ID NOS: 991174
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 768195
; LENGTH: 25
```

```
; TYPE: DNA
; ORGANISM: Mus musculus
US-11-036-317-768195

Query Match      72.0%; Score 14.4; DB 10; Length 25;
Best Local Similarity 93.8%; Pred. No. 2.8e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy  2 GTGTGCTCTGTCTAGT 17
Db  4 GTGTGACTGTCTAGT 19

RESULT 15
US-10-098-263B-7945
; Sequence 7945, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 7945
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-7945

Query Match      71.0%; Score 14.2; DB 5; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  2 GTGTGCTCTGTCTAGTCC 20
Db  1 GTGGGTCTGTCTAGTCC 19

RESULT 16
US-10-719-900-332444
; Sequence 332444, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 332444
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-332444

Query Match      71.0%; Score 14.2; DB 8; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  1 CGTGTGCTCTGTCTAGTCC 19
Db  1 CATGTGTGTGCTAGCCC 19

RESULT 17
US-10-719-900-528634/c
; Sequence 528634, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 528634
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-528634

Query Match      71.0%; Score 14.2; DB 8; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  1 CGTGTGCTCTGTCTAGTCC 19
Db  23 CGACTGTCTGTGCAAGTCC 5

RESULT 18
US-10-719-900-588448/c
; Sequence 588448, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 588448
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-588448

Query Match      71.0%; Score 14.2; DB 8; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  1 CGTGTGCTCTGTCTAGTCC 19
Db  19 CCTGTGTCTGTGCAATTCC 1

RESULT 19
US-10-719-900-701534
; Sequence 701534, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 701534
; LENGTH: 25
; TYPE: DNA
```

```
; ORGANISM: Mus musculus
US-10-719-900-701534

Query Match      71.0%; Score 14.2; DB 8; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  2 GTGTGTCGTGCTAGTCCC 20
    ||| ||||| ||||| |||||
Db  1 GTGATTCGTGATAGTCCC 19

RESULT 20
US-10-719-900-719032
; Sequence 719032, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 719032
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-719032

Query Match      71.0%; Score 14.2; DB 8; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  2 GTGTGTCGTGCTAGTCCC 20
    ||| ||||| ||||| |||||
Db  1 GTGTGTCGTACAGACCC 19

RESULT 21
US-10-843-527-76541/c
; Sequence 76541, Application US/10843527
; Publication No. US20050136395A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: Eric Schell
; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus
; FILE REFERENCE: 3602.1
; CURRENT APPLICATION NUMBER: US/10/843,527
; CURRENT FILING DATE: 2004-05-10
; PRIOR APPLICATION NUMBER: 60/469,545
; PRIOR FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 238196
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 76541
; LENGTH: 25
; TYPE: DNA
; ORGANISM: SARS Virus
US-10-843-527-76541

Query Match      71.0%; Score 14.2; DB 9; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  2 GTGTGTCGTGCTAGTCCC 20
    ||| ||||| ||||| |||||
Db  24 GTTTGTTGCTAGTAC 6

RESULT 22
US-10-843-527-76546/c
; Sequence 76546, Application US/10843527
; Publication No. US20050136395A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: Eric Schell
; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus
; FILE REFERENCE: 3602.1
; CURRENT APPLICATION NUMBER: US/10/843,527
; CURRENT FILING DATE: 2004-05-10
; PRIOR APPLICATION NUMBER: 60/469,545
; PRIOR FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 238196
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 76546
; LENGTH: 25
; TYPE: DNA
; ORGANISM: SARS Virus
US-10-843-527-76546

Query Match      71.0%; Score 14.2; DB 9; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  2 GTGTGTCGTGCTAGTCCC 20
    ||| ||||| ||||| |||||
Db  7 GTTTGTCGTGCTAGTAC 25

RESULT 24
US-10-843-527-161636
; Sequence 161636, Application US/10843527
; Publication No. US20050136395A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: Eric Schell
; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus
; FILE REFERENCE: 3602.1
; CURRENT APPLICATION NUMBER: US/10/843,527
; CURRENT FILING DATE: 2004-05-10
; PRIOR APPLICATION NUMBER: 60/469,545
; PRIOR FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 238196
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 161631
; LENGTH: 25
; TYPE: DNA
; ORGANISM: SARS Virus
US-10-843-527-161631

Query Match      71.0%; Score 14.2; DB 9; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  2 GTGTGTCGTGCTAGTCCC 20
    ||| ||||| ||||| |||||
Db  7 GTTTGTCGTGCTAGTAC 25

RESULT 23
US-10-843-527-161631
; Sequence 161631, Application US/10843527
; Publication No. US20050136395A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: Eric Schell
; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus
; FILE REFERENCE: 3602.1
; CURRENT APPLICATION NUMBER: US/10/843,527
; CURRENT FILING DATE: 2004-05-10
; PRIOR APPLICATION NUMBER: 60/469,545
; PRIOR FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 238196
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 161631
; LENGTH: 25
; TYPE: DNA
; ORGANISM: SARS Virus
US-10-843-527-161631

Query Match      71.0%; Score 14.2; DB 9; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  2 GTGTGTCGTGCTAGTCCC 20
    ||| ||||| ||||| |||||
Db  19 GTTTGTCGTGCTAGTAC 1

RESULT 23
US-10-843-527-161631
; Sequence 161631, Application US/10843527
; Publication No. US20050136395A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: Eric Schell
; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus
; FILE REFERENCE: 3602.1
; CURRENT APPLICATION NUMBER: US/10/843,527
; CURRENT FILING DATE: 2004-05-10
; PRIOR APPLICATION NUMBER: 60/469,545
; PRIOR FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 238196
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 161631
; LENGTH: 25
; TYPE: DNA
; ORGANISM: SARS Virus
US-10-843-527-161631

Query Match      71.0%; Score 14.2; DB 9; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy  2 GTGTGTCGTGCTAGTCCC 20
    ||| ||||| ||||| |||||
Db  19 GTTTGTCGTGCTAGTAC 1
```

; SEQ ID NO 161636
; LENGTH: 25
; TYPE: DNA
; ORGANISM: SARS Virus
US-10-843-527-161636

Query Match 71.0%; Score 14.2; DB 9; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2 GTGTGCTCTGTGCTAGTCC 20
Db 2 GTTGTGTGCTAGTAC 20

RESULT 25
US-11-036-317-443848/C
; Sequence 443848, Application US/11036317
; Publication No. US20050214823A1
; GENERAL INFORMATION:
; APPLICANT: Williams, Alan
; TITLE OF INVENTION: Method of Analysis of Alternative Splicing in Mouse
; FILE REFERENCE: 3654.1
; CURRENT APPLICATION NUMBER: US/11/036.317
; CURRENT FILING DATE: 2005-01-13
; PRIOR APPLICATION NUMBER: US 60/536,639
; PRIOR FILING DATE: 2004-01-13
; NUMBER OF SEQ ID NOS: 991174
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 443848
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-11-036-317-443848

Query Match 71.0%; Score 14.2; DB 10; Length 25;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1 CGTGTGCTCTGTGCTAGTCC 19
Db 23 CGACTGTCTGTGCAAGTCC 5

Search completed: February 9, 2006, 11:21:36
Job time : 438 secs

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OM nucleic - nucleic search, using sw model

Run on: February 9, 2006, 10:51:57 ; Search time 63 Seconds
(without alignments)

564.305 Million cell updates/sec

Title: US-09-980-953-256

Perfect score: 20

Sequence: 1 cgtgtctgtgtgttagtccc 20

Scoring table: IDENTITY NUC

Dapop 10.0, Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 1427136

Minimum DB seq length: 0

Maximum DB seq length: 100

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA.*

1: /cgn2_6/ptodata/1/ina/1/COMB.seq.*
2: /cgn2_6/ptodata/1/ina/5/COMB.seq.*
3: /cgn2_6/ptodata/1/ina/6A/COMB.seq.*
4: /cgn2_6/ptodata/1/ina/6B/COMB.seq.*
5: /cgn2_6/ptodata/1/ina/H/COMB.seq.*
6: /cgn2_6/ptodata/1/ina/PTUS/COMB.seq.*
7: /cgn2_6/ptodata/1/ina/PP/COMB.seq.*
8: /cgn2_6/ptodata/1/ina/RE/COMB.seq.*
9: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	15	75.0	100	9	Patent No. 5436136
C 2	14.2	71.0	50	3	US-10-131-827-181
C 3	14.2	71.0	54	2	US-08-585-684B-2701
C 4	14.2	71.0	54	3	US-09-038-073-2701
C 5	14	70.0	15	2	US-08-585-684B-1203
C 6	14	70.0	15	3	US-09-038-073-1203
C 7	13.8	69.0	33	3	US-10-197-616-8
C 8	13.2	66.0	25	3	US-09-396-196G-27922
C 9	13.2	66.0	44	2	US-08-190-199A-7
C 10	13.2	66.0	47	3	US-09-422-978-3605
C 11	13.2	66.0	50	3	US-10-131-827-2163
C 12	13.2	66.0	71	2	US-08-465-591A-32
C 13	13.2	66.0	71	2	US-08-465-594A-32
C 14	13.2	66.0	71	3	US-08-973-124-217
C 15	13.2	66.0	71	6	PCT-US96-08014-217
C 16	13	65.0	90	3	US-09-513-999C-30089
C 17	12.8	64.0	32	3	US-09-523-686-7
C 18	12.8	64.0	50	3	US-09-443-199C-1093
C 19	12.8	64.0	51	3	US-09-443-199C-1093
C 20	12.8	64.0	88	3	US-09-351-814-6
C 21	12.6	63.0	41	2	US-07-931-473B-76
C 22	12.6	63.0	41	2	US-07-931-473B-100
C 23	12.6	63.0	41	2	US-07-714-131C-76
C 24	12.6	63.0	41	2	US-07-714-131C-100

Sequence 76, Appl	US-08-412-110-76	41	2	Sequence 76, Appl
Sequence 100, App	US-08-412-110-100	41	2	Sequence 100, App
Sequence 76, Appl	US-08-409-442A-76	41	2	Sequence 76, Appl
Sequence 100, App	US-08-409-442A-100	41	2	Sequence 100, App
Sequence 76, Appl	US-08-469-609A-76	41	2	Sequence 76, Appl
Sequence 100, App	US-08-469-609A-100	41	2	Sequence 100, App
Sequence 76, Appl	US-09-143-190-76	41	3	Sequence 76, Appl
Sequence 100, App	US-09-143-190-100	41	3	Sequence 100, App
Sequence 76, Appl	US-09-502-344-76	41	3	Sequence 76, Appl
Sequence 100, App	US-09-502-344-100	41	3	Sequence 100, App
Sequence 76, Appl	US-10-037-986-76	41	3	Sequence 76, Appl
Sequence 100, App	US-10-037-986-100	41	3	Sequence 100, App
Sequence 717, App	US-09-641-638-717	47	3	Sequence 717, App
Sequence 3316, Ap	US-10-170-097-717	47	3	Sequence 3316, Ap
Sequence 1032, Ap	US-10-131-827-3316	50	3	Sequence 1032, Ap
Sequence 1030, Ap	US-08-390-850-1032	54	2	Sequence 1030, Ap
Sequence 1063, Ap	US-08-373-124A-2182	54	2	Sequence 1063, Ap
Sequence 1178, Ap	US-08-363-240A-1030	54	2	Sequence 1178, Ap
Sequence 1032, Ap	US-08-363-240A-1063	54	2	Sequence 1032, Ap
Sequence 518, App	US-08-435-634-1032	54	2	Sequence 518, App
Sequence 530, App	US-08-758-306-518	54	2	Sequence 530, App
Sequence 1157, Ap	US-08-758-306-530	54	2	Sequence 1157, Ap
Sequence 2182, Ap	US-08-311-486C-1107	54	2	Sequence 2182, Ap
Sequence 13, Appl	US-08-412-376-13	54	2	Sequence 13, Appl
Sequence 2569, Ap	US-08-585-684B-2569	54	2	Sequence 2569, Ap
Sequence 2611, Ap	US-08-585-684B-2611	54	2	Sequence 2611, Ap
Sequence 2900, Ap	US-09-038-073-2569	54	3	Sequence 2900, Ap
Sequence 2932, Ap	US-09-038-073-2611	54	3	Sequence 2932, Ap
Sequence 2943, Ap	US-08-584-040-2900	54	3	Sequence 2943, Ap
Sequence 2961, Ap	US-08-584-040-2909	54	3	Sequence 2961, Ap
Sequence 4441, Ap	US-08-584-040-2932	54	3	Sequence 4441, Ap
Sequence 6156, Ap	US-08-584-040-2943	54	3	Sequence 6156, Ap
Sequence 6170, Ap	US-08-584-040-4411	54	3	Sequence 6170, Ap
Sequence 6186, Ap	US-08-584-040-6170	54	3	Sequence 6186, Ap
Sequence 8242, Ap	US-08-584-040-6186	54	3	Sequence 8242, Ap
Sequence 8566, Ap	US-08-584-040-8242	54	3	Sequence 8566, Ap
Sequence 8575, Ap	US-08-679-645-556	54	3	Sequence 8575, Ap
Sequence 8598, Ap	US-08-679-645-1180	54	3	Sequence 8598, Ap
Sequence 8609, Ap	US-09-371-772B-8566	54	3	Sequence 8609, Ap
Sequence 8627, Ap	US-09-371-772B-8575	54	3	Sequence 8627, Ap
Sequence 9350, Ap	US-09-371-772B-8598	54	3	Sequence 9350, Ap
Sequence 10128, A	US-09-371-772B-8609	54	3	Sequence 10128, A
Sequence 10139, A	US-09-371-772B-8627	54	3	Sequence 10139, A
Sequence 10152, A	US-09-371-772B-9350	54	3	Sequence 10152, A
Sequence 11151, A	US-09-371-772B-10128	54	3	Sequence 11151, A
Sequence 5580, Ap	US-09-371-772B-10139	54	3	Sequence 5580, Ap
Sequence 5589, Ap	US-09-685-664B-5589	54	3	Sequence 5589, Ap
Sequence 5612, Ap	US-09-685-664B-5589	54	3	Sequence 5612, Ap
Sequence 5623, Ap	US-09-685-664B-5612	54	3	Sequence 5623, Ap
Sequence 5641, Ap	US-09-685-664B-5623	54	3	Sequence 5641, Ap
Sequence 6364, Ap	US-09-685-664B-5641	54	3	Sequence 6364, Ap
Sequence 7142, Ap	US-09-685-664B-6364	54	3	Sequence 7142, Ap
Sequence 7153, Ap	US-09-685-664B-7142	54	3	Sequence 7153, Ap
Sequence 7166, Ap	US-09-685-664B-7153	54	3	Sequence 7166, Ap
Sequence 8165, Ap	US-09-685-664B-8165	54	3	Sequence 8165, Ap
Sequence 55675, A	US-09-396-196G-8165	25	3	Sequence 55675, A
Sequence 569, App	US-08-117-952-569	26	2	Sequence 569, App
Sequence 18, Appl	US-08-773-106-18	30	3	Sequence 18, Appl
Sequence 82, Appl	US-09-761-667-18	30	3	Sequence 82, Appl
Sequence 88, Appl	US-09-595-684B-82	31	3	Sequence 88, Appl
Sequence 766, App	US-09-595-684B-88	31	3	Sequence 766, App
Sequence 199, App	US-09-422-978-766	47	3	Sequence 199, App
Sequence 17603, A	US-07-977-284A-199	70	2	Sequence 17603, A
	US-08-256-426B-196	92	3	
	US-09-621-976-17603	92	3	

Sequence 16124, A
Sequence 3, Appli
Sequence 23, Appl

98 12.4 62.0 100 3 US-09-513-999C-16124
99 12.2 61.0 20 3 US-09-479-608A-3
100 12.2 61.0 22 3 US-10-197-616-23

ALIGNMENTS

RESULT 1
5436136-8/c
; Patent No. 5436136
; APPLICANT: HINNEN, ALBERT MEYHACK, BERND
; TITLE OF INVENTION: REPRESSIBLE YEAST PROMOTERS
; NUMBER OF SEQUENCES: 16
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/811,898
; FILING DATE: 20-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 637,994
; FILING DATE: 03-JAN-1991
; APPLICATION NUMBER: 900,871
; FILING DATE: 27-AUG-1986
; SEQ ID NO: 8:
; LENGTH: 100
5436136-8

Query Match 75.0%; Score 15; DB 9; Length 100;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GTCTGTGCTAGTCCC 20
Db 40 GTCTGTGCTAGTCCC 26

RESULT 2
US-10-131-827-181
; Sequence 181, Application US/10131827
; Patent No. 6905827
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 181
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-181

Query Match 71.0%; Score 14.2; DB 3; Length 50;
Best Local Similarity 84.2%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTGTGCTGTGCTAGTCC 19
Db 6 CGTGTGCTGTGCTAGTCC 24

RESULT 3
US-08-585-684B-2701/c
; Sequence 2701, Application US/08585684B

Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2701:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 54 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-2701

Query Match 71.0%; Score 14.2; DB 2; Length 54;
Best Local Similarity 84.2%; Pred. No. 8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 GTGTGTCTGTGCTAGTCCC 20
Db 31 GTGTTCCTGTGCTAGTCCC 13

RESULT 4
US-09-038-073-2701/c
; Sequence 2701, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

```
;
;
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: US/09/038,073
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2701:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 54 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-038-073-2701
;
; Query Match 71.0%; Score 14.2; DB 3; Length 54;
; Best Local Similarity 84.2%; Pred. No. 8e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; Qy 2 GTGTGCTGTGCTAGTCCC 20
; Db 31 GTGTTCTGTGCTAGTCCC 13
;
; RESULT 5
; US-08-585-684B-1203/c
; Sequence 1203, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
```

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;
;
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1203:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-585-684B-1203
;
; Query Match 70.0%; Score 14; DB 2; Length 15;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 7 TCTGTGCTAGTCCC 20
; Db 15 TCTGTGCTAGTCCC 2
;
; RESULT 6
; US-09-038-073-1203/c
; Sequence 1203, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1203:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-038-073-1203
;
; Query Match 70.0%; Score 14; DB 3; Length 15;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 7 TCTGTGCTAGTCC 20
 |||||
 Db 15 TCTGTGCTAGTCC 2

RESULT 7
 US-10-197-616-8/c
 ; Sequence 8, Application US/10197616
 ; Patent No. 6884586
 ; GENERAL INFORMATION:
 ; APPLICANT: Van Ness, Jeffrey
 ; APPLICANT: Galas, David J.
 ; APPLICANT: Van Ness, Lori K.
 ; TITLE OF INVENTION: METHYLATION ANALYSIS USING NICKING
 ; FILE REFERENCE: 480188.416
 ; CURRENT APPLICATION NUMBER: US/10/197,616
 ; CURRENT FILING DATE: 2002-07-15
 ; NUMBER OF SEQ ID NOS: 26
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 8
 ; LENGTH: 33
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Template sequence
 US-10-197-616-8

Query Match 69.0%; Score 13.8; DB 3; Length 33;
 Best Local Similarity 88.2%; Pred. No. 1.2e+03;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 GTGTGCTGTGCTAGTC 18
 |||||
 Db 22 GTGTGCTGTGCTAGTC 6

RESULT 8
 US-09-396-196G-27922/c
 ; Sequence 27922, Application US/09396196G
 ; Patent No. 6821724
 ; GENERAL INFORMATION:
 ; APPLICANT: Michael Mittmann
 ; APPLICANT: David Mack
 ; APPLICANT: David Lockhart
 ; APPLICANT: Affymetrix, Inc.
 ; TITLE OF INVENTION: Methods of Genetic Analysis
 ; FILE REFERENCE: 3101.1
 ; CURRENT APPLICATION NUMBER: US/09/396,196G
 ; CURRENT FILING DATE: 1999-09-15
 ; PRIOR APPLICATION NUMBER: 60/100,678
 ; PRIOR FILING DATE: 1998-09-17
 ; NUMBER OF SEQ ID NOS: 127806
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 27922
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 US-09-396-196G-27922

Query Match 66.0%; Score 13.2; DB 3; Length 25;
 Best Local Similarity 83.3%; Pred. No. 2.3e+03;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 GTGTGCTGTGCTAGTCC 19
 |||||
 Db 19 GTGTGCTGTGCTAGTCC 2

RESULT 9
 US-08-190-199A-7
 ; Sequence 7, Application US/08190199A

; Patent No. 5830663
 ; GENERAL INFORMATION:
 ; APPLICANT: EMBLETON, Michael J.
 ; APPLICANT: GOROCHEV, Guy
 ; APPLICANT: JONES, Peter T.
 ; APPLICANT: WINTER, Gregory P.
 ; TITLE OF INVENTION: TREATMENT OF CELL POPULATIONS
 ; NUMBER OF SEQUENCES: 70
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: PILLSBURY MADISON & SUTRO, L.L.P.
 ; STREET: 1100 New York Avenue, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: U.S.A.
 ; ZIP: 20005-3918
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Microsoft Word
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/190,199A
 ; FILING DATE: 13-JUL-1994
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/GB92/01483
 ; FILING DATE: 10-AUG-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: GB 9212419.7
 ; FILING DATE: 11-JUN-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: GB 9117352.6
 ; FILING DATE: 10-AUG-1991
 ; INFORMATION FOR SEQ ID NO: 7:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 44 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; HYPOTHEetical: NO
 ; ANTI-SENSE: NO
 US-08-190-199A-7

Query Match 66.0%; Score 13.2; DB 2; Length 44;
 Best Local Similarity 83.3%; Pred. No. 2.4e+03;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 GTGTGCTGTGCTAGTCC 19
 |||||
 Db 3 GTGTGCTGTGCTAGTCC 20

RESULT 10
 US-09-422-978-3605
 ; Sequence 3605, Application US/09422978
 ; Patent No. 6537751
 ; GENERAL INFORMATION:
 ; APPLICANT: Cohen, Daniel
 ; APPLICANT: Blumenfeld, Marta
 ; APPLICANT: Chumakov, Ilya
 ; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 ; FILE REFERENCE: GENSET 020CPI
 ; CURRENT APPLICATION NUMBER: US/09/422,978
 ; CURRENT FILING DATE: 1999-10-20
 ; EARLIER APPLICATION NUMBER: US 09/298,850
 ; EARLIER FILING DATE: 1999-04-21
 ; EARLIER APPLICATION NUMBER: US 60/109,732
 ; EARLIER FILING DATE: 1998-11-23
 ; EARLIER APPLICATION NUMBER: US 60/082,614
 ; EARLIER FILING DATE: 1998-04-21
 ; NUMBER OF SEQ ID NOS: 11796
 ; SEQ ID NO 3605

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;
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-7268-383 : polymorphic base T or C
US-09-422-978-3605

Query Match          66.0%; Score 13.2; DB 3; Length 47;
Best Local Similarity 75.0%; Pred. No. 2.5e+03;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 1 CGTGTGTGTGTGTAGTCC 20
    ||||| ||||| |||||
Db 7 CCTCTGTCTGTCTACTVCC 26

RESULT 11
US-10-131-827-2163
; Sequence 2163, Application US/10131827
; Patent No. 6905827
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131.827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2163
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-2163

Query Match          66.0%; Score 13.2; DB 3; Length 50;
Best Local Similarity 83.3%; Pred. No. 2.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3 TGTGTCTGTGTAGTCC 20
    ||||| ||||| |||||
Db 17 TGTGTCTGTGAAGTGC 34

RESULT 12
US-08-465-591A-32/c
; Sequence 32, Application US/08465591A
; Patent No. 5837834
; GENERAL INFORMATION:
; APPLICANT: NIKOS PAGRATIS
; APPLICANT: LARRY GOLD
; TITLE OF INVENTION: HIGH AFFINITY HKGF NUCLEIC
; TITLE OF INVENTION: ACID LIGANDS AND INHIBITORS
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson and Bratschun, L.L.C.
; STREET: 8400 East Prentice Avenue, Suite #200
; CITY: Denver
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
; COMPUTER: IBM compatible

US-08-465-591A-32/c
; Sequence 32, Application US/08465591A
; Patent No. 5846713
; GENERAL INFORMATION:
; APPLICANT: NIKOS PAGRATIS
; APPLICANT: LARRY GOLD
; TITLE OF INVENTION: HIGH AFFINITY HKGF NUCLEIC
; TITLE OF INVENTION: ACID LIGANDS AND INHIBITORS
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson and Bratschun, L.L.C.
; STREET: 8400 East Prentice Avenue, Suite #200
; CITY: Denver
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
; COMPUTER: IBM compatible
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; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,591A
; FILING DATE: 5-June 1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/714,131
; FILING DATE: 10-JUNE-1991
; APPLICATION NUMBER: 07/536,428
; FILING DATE: 11-JUNE-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/964,624
; FILING DATE: 21-OCTOBER-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/117,991
; FILING DATE: 8-SEPTEMBER-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Diane H. McClearn
; REGISTRATION NUMBER: 33,960
; REFERENCE/DOCKET NUMBER: NEX 39-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3333
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 71 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-465-591A-32

Query Match          66.0%; Score 13.2; DB 2; Length 71;
Best Local Similarity 83.3%; Pred. No. 2.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3 TGTGTCTGTGTAGTCC 20
    ||||| ||||| |||||
Db 36 TATGTCTGTCTACTCC 19

RESULT 13
US-08-465-594A-32/c
; Sequence 32, Application US/08465594A
; Patent No. 5846713
; GENERAL INFORMATION:
; APPLICANT: NIKOS PAGRATIS
; APPLICANT: LARRY GOLD
; TITLE OF INVENTION: HIGH AFFINITY HKGF NUCLEIC
; TITLE OF INVENTION: ACID LIGANDS AND INHIBITORS
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson and Bratschun, L.L.C.
; STREET: 8400 East Prentice Avenue, Suite #200
; CITY: Denver
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,594A
; FILING DATE: 5-June 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/714,131
; FILING DATE: 10-JUNE-1991
; PRIOR APPLICATION DATA:
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; APPLICATION NUMBER: 07/536,428
; FILING DATE: 11-JUNE-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/964,624
; FILING DATE: 21-OCTOBER-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/117,991
; FILING DATE: 8-SEPTEMBER-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson
; REGISTRATION NUMBER: 33,215
; REFERENCE/DOCKET NUMBER: NEX 39-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3333
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 71 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-465-594A-32

Query Match 66.0%; Score 13.2; DB 2; Length 71;
Best Local Similarity 83.3%; Pred. No. 2.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3 TGTGCTGTGCTAGTCCC 20
Db 36 TATGTCGTCTACTATCCC 19

RESULT 14
US-08-973-124-217/c
; Sequence 217, Application US/08973124
; Patent No. 6207816
; GENERAL INFORMATION:
; APPLICANT: LARRY GOLD et al.
; TITLE OF INVENTION: HIGH AFFINITY OLIGONUCLEOTIDE
; TITLE OF INVENTION: LIGANDS TO GROWTH
; TITLE OF INVENTION: FACTORS
; NUMBER OF SEQUENCES: 304
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson & Bratschun, L.L.C.
; STREET: 8400 E. Prentice Avenue, Suite 200
; CITY: Englewood
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,124
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08014
; FILING DATE: 30-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/458,423
; FILING DATE: 02-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/458,424
; FILING DATE: 02-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/465,594
; FILING DATE: 05-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/465,591

; APPLICATION NUMBER: 07/536,428
; FILING DATE: 11-JUNE-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/964,624
; FILING DATE: 21-OCTOBER-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/117,991
; FILING DATE: 8-SEPTEMBER-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson
; REGISTRATION NUMBER: 33,215
; REFERENCE/DOCKET NUMBER: NEX 39-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3333
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 71 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-465-594A-32

Query Match 66.0%; Score 13.2; DB 2; Length 71;
Best Local Similarity 83.3%; Pred. No. 2.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3 TGTGCTGTGCTAGTCCC 20
Db 36 TATGTCGTCTACTATCCC 19

RESULT 15
PCT-US96-08014-217/c
; Sequence 217, Application PC/TUS9608014
; GENERAL INFORMATION:
; APPLICANT: LARRY GOLD; NEBOJSA JANJIC; STEVEN RINGQUIST; NIKOS
; APPLICANT: PAGRATIS; PENELOPE J. TOOTHMAN
; TITLE OF INVENTION: HIGH AFFINITY OLIGONUCLEOTIDE
; TITLE OF INVENTION: LIGANDS TO TRANSFORMING GROWTH
; TITLE OF INVENTION: FACTOR (TGF ), PLATELET-DERIVED
; TITLE OF INVENTION: GROWTH FACTOR (PDGF) AND HUMAN
; TITLE OF INVENTION: KEROTINOCYTE GROWTH FACTOR (hKGF)
; NUMBER OF SEQUENCES: 304
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson & Bratschun, L.L.C.
; STREET: 8400 E. Prentice Avenue, Suite 200
; CITY: Englewood
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08014
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/458,423
; FILING DATE: 02-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/458,424
; FILING DATE: 02-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/465,594
; FILING DATE: 05-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/465,594
```

; FILING DATE: 05-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/465,591
; FILING DATE: 05-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/479,725
; FILING DATE: 07-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/479,783
; FILING DATE: 07-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/618,693
; FILING DATE: 20-MARCH-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson
; REGISTRATION NUMBER: 33,215
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3333
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 217:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 71 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; FEATURE:
; OTHER INFORMATION: All pyrimidines are 2'-NH2 modified
PCT-US96-08014-217

Query Match 66.0%; Score 13.2; DB 6; Length 71;
Best Local Similarity 83.3%; Pred. No. 2.6e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 TGTCTGTCTAGTCC 20
|||
Db 36 TATGTCTGTCTACTCC 19

RESULT 16

US-09-513-999C-30089/c
; Sequence 30089, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 30089
; LENGTH: 90
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-30089

Query Match 65.0%; Score 13; DB 3; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.3e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 TGTCTGTCTAGT 17
|||
Db 87 TGTCTGTCTAGT 75

RESULT 17

US-09-523-686-7/c
; Sequence 7, Application US/09523686
; Patent No. 6518043
; GENERAL INFORMATION:
; APPLICANT: Oritani, Kenji
; APPLICANT: Tomiyama, Yoshiaki
; APPLICANT: Matsuzawa, Yuji
; APPLICANT: Paul W. Kincade
; TITLE OF INVENTION: Proteins Suppressing proliferation of lympho-hematopoietic cells
; FILE REFERENCE: SEN-103-US
; CURRENT APPLICATION NUMBER: US/09/523,686
; CURRENT FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: JP 1999-107246
; PRIOR FILING DATE: 1999-04-14
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
US-09-523-686-7

Query Match 64.0%; Score 12.8; DB 3; Length 32;
Best Local Similarity 87.5%; Pred. No. 3.7e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 TGTCTGTCTAGTCCC 20
|||
Db 16 TGCTGTGTCTAGCCCC 1

RESULT 18

US-09-443-199C-1093/c
; Sequence 1093, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 1093
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (1094 is other entry)
; NAME/KEY: misc feature
; LOCATION: (25)...(26)
; OTHER INFORMATION: nucleotide deleted between bases 25 and 26
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg44932136
US-09-443-199C-1093

Query Match 64.0%; Score 12.8; DB 3; Length 50;
Best Local Similarity 87.5%; Pred. No. 3.9e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 GTGTGTCTGTCTAGT 17
|||
Db 48 GTGTGTCTGTCTGTGT 33

Query Match 64.0%; Score 12.8; DB 3; Length 88;
 Best Local Similarity 87.5%; Pred. No. 4.2e+03;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 TGTCGTCTGTAGTCCC 20
 Db 61 TGTCGTCTGTAGTCCC 76

RESULT 21
 US-07-931-473B-76/c
 ; Sequence 76, Application US/07931473B
 ; Patent No. 5270163
 ; GENERAL INFORMATION:
 ; APPLICANT: Larry Gold
 ; APPLICANT: Craig Tuerk
 ; TITLE OF INVENTION: Nucleic Acid Ligands
 ; NUMBER OF SEQUENCES: 335
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Beaton & Swanson, P.C.
 ; STREET: 4582 South Ulster Street Parkway, #403
 ; CITY: Denver
 ; STATE: Colorado
 ; COUNTRY: USA
 ; ZIP: 80237
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage
 ; COMPUTER: IBM compatible
 ; OPERATING SYSTEM: MS-DOS
 ; SOFTWARE: WordPerfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07/931,473B
 ; FILING DATE: 19920817
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Barry J. Swanson
 ; REGISTRATION NUMBER: 33,215
 ; REFERENCE/DOCKET NUMBER:
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (303) 850-9900
 ; TELEFAX: (303) 850-9401
 ; INFORMATION FOR SEQ ID NO: 76:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 41 nucleotides
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-07-931-473B-76

Query Match 63.0%; Score 12.6; DB 2; Length 41;
 Best Local Similarity 78.9%; Pred. No. 4.8e+03;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 GTGTCTGTCTGTAGTCCC 20
 Db 35 GTGTCTGTCTGTAGTCCC 17

RESULT 22
 US-07-931-473B-100/c
 ; Sequence 100, Application US/07931473B
 ; Patent No. 5270183
 ; GENERAL INFORMATION:
 ; APPLICANT: Larry Gold
 ; APPLICANT: Craig Tuerk
 ; TITLE OF INVENTION: Nucleic Acid Ligands
 ; NUMBER OF SEQUENCES: 335
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Beaton & Swanson, P.C.
 ; STREET: 4582 South Ulster Street Parkway, #403
 ; CITY: Denver
 ; STATE: Colorado

RESULT 19
 US-09-443-199C-1094/c
 ; Sequence 1094, Application US/09443199C
 ; Patent No. 6670464
 ; GENERAL INFORMATION:
 ; APPLICANT: Shimkets, Richard A.
 ; APPLICANT: Leach, Martin
 ; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
 ; FILE REFERENCE: 15966-534A
 ; CURRENT APPLICATION NUMBER: US/09/443.199C
 ; CURRENT FILING DATE: 1999-11-16
 ; PRIOR APPLICATION NUMBER: 60/109,024
 ; PRIOR FILING DATE: 1998-11-17
 ; NUMBER OF SEQ ID NOS: 1272
 ; SOFTWARE: CuraGen Patent Formatter Version 0.9
 ; SEQ ID NO 1094
 ; LENGTH: 51
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (26)...(0)
 ; OTHER INFORMATION: 2 of 2 allelic variants (1093 is other entry)
 ; NAME/KEY: misc feature
 ; LOCATION: (0)...(0)
 ; OTHER INFORMATION: Accession number eg4932136
 ; US-09-443-199C-1094

Query Match 64.0%; Score 12.8; DB 3; Length 51;
 Best Local Similarity 87.5%; Pred. No. 3.9e+03;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 GTGTCTGTCTGTAGT 17
 Db 49 GTGTCTGTCTGTAGT 34

RESULT 20
 US-09-351-814-6
 ; Sequence 6, Application US/09351814
 ; Patent No. 6352851
 ; GENERAL INFORMATION:
 ; APPLICANT: Nielsen, Bjarne Roenfeldt
 ; APPLICANT: Svendsen, Allan
 ; APPLICANT: Pedersen, Henrik
 ; APPLICANT: Vind, Jesper
 ; APPLICANT: Hendriksen, Hanne Vang
 ; APPLICANT: Frandsen, Torben Peter
 ; TITLE OF INVENTION: Glucoamylase Variants
 ; FILE REFERENCE: 5636.200-US
 ; CURRENT APPLICATION NUMBER: US/09/351,814
 ; CURRENT FILING DATE: 1999-07-12
 ; EARLIER APPLICATION NUMBER: PA 1998 00937
 ; EARLIER FILING DATE: 1998-07-15
 ; EARLIER APPLICATION NUMBER: PA 1998 01667
 ; EARLIER FILING DATE: 1998-12-17
 ; EARLIER APPLICATION NUMBER: 60/093,528
 ; EARLIER FILING DATE: 1998-07-21
 ; EARLIER APPLICATION NUMBER: 60/115,545
 ; EARLIER FILING DATE: 1999-01-12
 ; NUMBER OF SEQ ID NOS: 81
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 6
 ; LENGTH: 88
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Primer FAMGIL
 ; US-09-351-814-6

; COUNTRY: USA
; ZIP: 80237
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/931,473B
; FILING DATE: 19920817
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson
; REGISTRATION NUMBER: 33,215
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 850-9900
; TELEFAX: (303) 850-9401
; INFORMATION FOR SEQ ID NO: 100:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 nucleotides
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-931-473B-100

Query Match 63.0%; Score 12.6; DB 2; Length 41;
Best Local Similarity 78.9%; Pred. No. 4.8e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 GTGTGCTGTGCTAGTCCC 20
|||||
Db 35 GTGTGGCTGTGCATGTCC 17

RESULT 23

US-07-714-131C-76/c
; Sequence 76, Application US/07714131C
; Patent No. 5475096
; GENERAL INFORMATION:
; APPLICANT: Larry Gold
; REFERENCE/DOCKET NUMBER:
; TITLE OF INVENTION: Nucleic Acid Ligands
; NUMBER OF SEQUENCES: 344
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beaton & Swanson, P.C.
; STREET: 4582 South Ulster Street Parkway, #403
; CITY: Denver
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80237

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/714,131C
; FILING DATE: June 10, 1991

CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson
; REGISTRATION NUMBER: 33,215
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 850-9900
; TELEFAX: (303) 850-9401
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 nucleotides
; TYPE: nucleic acid

; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-714-131C-76

Query Match 63.0%; Score 12.6; DB 2; Length 41;
Best Local Similarity 78.9%; Pred. No. 4.8e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 GTGTGCTGTGCTAGTCCC 20
|||||
Db 35 GTGTGGCTGTGCATGTCC 17

RESULT 24

US-07-714-131C-100/c
; Sequence 100, Application US/07714131C
; Patent No. 5475096
; GENERAL INFORMATION:
; APPLICANT: Larry Gold
; REFERENCE/DOCKET NUMBER:
; TITLE OF INVENTION: Nucleic Acid Ligands
; NUMBER OF SEQUENCES: 344
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beaton & Swanson, P.C.
; STREET: 4582 South Ulster Street Parkway, #403
; CITY: Denver
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80237

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/714,131C
; FILING DATE: June 10, 1991

CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson

REGISTRATION NUMBER: 33,215
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 850-9900
; TELEFAX: (303) 850-9401
; INFORMATION FOR SEQ ID NO: 100:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-714-131C-100

Query Match 63.0%; Score 12.6; DB 2; Length 41;
Best Local Similarity 78.9%; Pred. No. 4.8e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 GTGTGCTGTGCTAGTCCC 20
|||||
Db 35 GTGTGGCTGTGCATGTCC 17

RESULT 25

US-08-412-110-76/c
; Sequence 76, Application US/08412110
; Patent No. 5670637
; GENERAL INFORMATION:
; APPLICANT: Larry Gold
; REFERENCE/DOCKET NUMBER:
; TITLE OF INVENTION: Nucleic Acid Ligands
; NUMBER OF SEQUENCES: 344
; CORRESPONDENCE ADDRESS:

Thu Feb 9 14:00:50 2006

ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MG storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/412,110
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/714,131
FILING DATE: June 10, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/536,428
FILING DATE: June 11, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX01/C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-412-110-76

Query Match 63.0%; Score 12.6; DB 2; Length 41;
Best Local Similarity 78.9%; Pred. No. 4.8e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 GTGTGCTGTGCTAGTCCC 20
|||||
Db 35 GTGTGGCTGTGCATGTCC 17

Search completed: February 9, 2006, 11:03:40
Job time : 64 secs